

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550

STATINTL

February 25, 1975

Deputy Minister E. R. Shenderoy  
Ministry of Microbiological Industry  
U.S.S.R. Council of Ministers  
Lesteva 18  
Moscow, U.S.S.R.

Dear Dr. Shenderoy:

It was a pleasure to receive your letter of January 23, 1975, concerning the conference on immobilized enzymes that is to be held in Moscow. Dr. George Tsao has sent a letter to Dr. Berezin (copy enclosed), choosing the dates of April 7-14 for the conference. However, the times of arrival and departure of the nine U. S. representatives are different from those given in your letter. Since the American participants have no choice but to leave on Friday, April 4, 1975 (that is when Pan American Airways leaves New York), they will arrive in Moscow on Saturday, April 5. One or two wives will be in the group; we will send you the details as soon as plans become final. All U. S. participants will leave Moscow on Sunday, April 13, with the exception of Drs. Tsao and Bungay (and Bungay's wife) who will plan to leave on Wednesday, April 15.

It was kind of you to emphasize your desire to have me attend the Enzyme meeting, but my many other commitments, plus the expected joint meeting of the Microbiology Working Group to be held in the U.S.S.R. in June, prevent my attending the meeting. I am anxious to make my first visit to your country, but will have to wait until our joint Working Group meeting.

The principle of "sending side pays" for our joint conferences is perfectly acceptable to the U. S. side. Did you mean to maintain "receiving side pays" or change to "sending side pays" for visits of senior and junior-level research personnel? Either procedure will be acceptable to the U. S. side.

State Dept. declassification & release instructions on file

Since you did not indicate that you would attend the joint conference on Molecular Biology to be held in New York on May 3 at the termination of the annual meeting of the American Society for Microbiology (April 27-May 2), I assume you will not be able to attend. However, if circumstances do permit your attendance, all of us would look forward with pleasure to your participation.

Sincerely yours,



J. M. Leise  
Senior Staff Associate, DAD/R  
Chairman, U. S. Side, US/USSR  
Joint Working Group on the  
Production of Substances by  
Microbiological Means

Enclosure

INDIANA UNIVERSITY  
SCHOOL OF CHEMICAL ENGINEERING  
WEST LAFAYETTE, INDIANA 47907

February 11, 1975

Professor I. Berezin  
Faculty of Chemistry  
Moscow State University  
Moscow, USSR

Dear Professor Berezin:

I am happy to see that the First US-USSR Enzyme Seminar can soon take place in Moscow. Enclosed is a list of nine members of the US team for the Seminar. Their affiliations are included and also the subject areas that each of us is prepared to discuss.

Our preferred date for the Seminar is from April 7 to April 14, 1975. Please give us your assistance in obtaining Soviet Visa for our team members.

Dr. George Guilbault is on leave from Louisiana State University and is presently in Europe. He will not be able to attend the Seminar.

In addition to oral presentations and discussions, the US team would like to visit several Soviet research centers of enzyme technology. We would like to have your help in arranging a few of such visits.

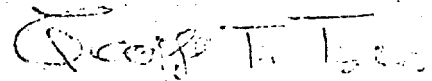
Dr. Henry R. Bungay and I, both coordinators of Project 4 on Enzyme Applications, would also like to spend two or three additional days in Soviet Union after the Seminar Program is completed to visit several specific research laboratories. The main purpose is to prepare for several American junior postdoctoral scientists to visit and work in these laboratories in the future. We would like to discuss the specific research projects these scientists can work on in USSR and also all the logistic arrangements such as living quarters, expenses, and so on. We would like to have you and your colleagues to do the same in the US. If you are going to attend the 3rd International Enzyme Engineering Conference in Portland, Oregon in August 1975, that may be a suitable time for us to have detailed discussions. The following is a list of Soviet laboratories we would like to include in the places to have our junior postdoctoral scientists to work in, but we would also like to have your suggestions.

1. Moscow State University to work on enzymatic oxidation of hydrocarbons and light and sound induced enzymatic reactions.
2. Institute of Hydrolysis in Leningrad under Dr. V. I. Sharkov to work on cellulose hydrolysis.
3. All Union Institute of Biosynthesis of Protein Substances in Moscow in the group under Dr. K. A. Kaunyants and Dr. L. S. Losyakova to work on cellulases and cellulose utilization.

Professor Berezin, page 2, February 11, 1975

Dr. Bungay and I would also like to have the opportunity during our stay in the Soviet Union, to discuss with you the programs of the 2nd US-USSR Enzyme Seminar to be held in the United States in 1976.

Sincerely yours,



George T. Tsao, Professor  
Coordinator of Project 4  
US Working Group

cc: Dr. J. M. Leise  
Dr. H. R. Bungay

1. Henry R. Bungay  
Worthington Biochemicals  
Freehold, New Jersey  
201-462-3838  
Scale up of purification process
2. Clark Colton  
Department of Chemical Engineering  
Massachusetts Institute of Technology  
Cambridge, Massachusetts  
617-253-4585  
Cofactor Engineering
3. Charles Cooney  
Department of Nutrition and Food Science  
Massachusetts Institute of Technology  
Cambridge, Massachusetts  
617-253-2126  
Enzyme Production
4. Nathan O. Kaplan  
Department of Chemistry  
University of California San Diego  
La Jolla, California  
714-452-3052  
Biophotolysis
5. Henry Lim  
School of Chemical Engineering  
Purdue University  
West Lafayette, Indiana  
317-749-2238  
Reactor Design and Optimization
6. George T. Tsao  
School of Chemical Engineering  
Purdue University  
West Lafayette, Indiana  
317-749-2603  
Production of Sugar
7. Howard Neetall  
Corporate Research Center  
Corning Glass Works  
Corning, New York  
607-974-3388  
Current and Potential Industrial Applications
8. Michael Weibel  
Biochemistry Department  
University of Pennsylvania  
Philadelphia, Pennsylvania  
215-243-8098  
Miniature Immobilized Enzyme Reactors for Analytical Applications
9. Oskar Zaborsky  
National Science Foundation  
Washington, D.C. 20550  
Immobilization and Chemical Modification